

Ceph-deploy - Bug #13299

osd create should not trigger action=add

09/30/2015 02:23 PM - Loïc Dachary

<b>Status:</b>	Resolved	<b>% Done:</b>	0%
<b>Priority:</b>	High		
<b>Assignee:</b>			
<b>Category:</b>			
<b>Target version:</b>			
<b>Source:</b>	other	<b>Reviewed:</b>	
<b>Tags:</b>		<b>Affected Versions:</b>	
<b>Backport:</b>		<b>ceph-qa-suite:</b>	
<b>Regression:</b>	No	<b>Crash signature (v1):</b>	
<b>Severity:</b>	3 - minor	<b>Crash signature (v2):</b>	
<b>Description</b>			
There is no need for osd create to call udevadm trigger action=add. By running all actions associated with add for all block devices, it may also trigger some race conditions when block devices are interdependent (i.e. dmccrypt, multipath, etc.). Although all udevadm actions should be immune to such race conditions, the reality may be different.			

Associated revisions

Revision aa2e0c40 - 09/30/2015 09:50 PM - Loïc Dachary

do not udevadm trigger, ceph-disk does it

There is no need for osd create to call udevadm trigger action=add. By running all actions associated with add for all block devices, it may also trigger some race conditions. For instance, the following happens about 10% of the time, when using dmccrypt:

- ceph-disk prepare --dmccrypt /dev/vdb
- /dev/vdb1 starts activating via udev
- ceph-deploy triggers action=add
- /dev/vdb2 udev chown root /dev/vdb2
- /dev/vdb1 activate fails because of permission denied on /dev/vdb2
- /dev/vdb2 udev action chown ceph /dev/vdb2

<http://tracker.ceph.com/issues/13299> Fixes: #13299

Signed-off-by: Loïc Dachary <[loic@dachary.org](mailto:loic@dachary.org)>

History

#1 - 09/30/2015 02:26 PM - Loïc Dachary

setting the priority to high because sending a large number of udev event when it is not strictly necessary makes it more difficult to figure out what went wrong in the expected sequence of event, because it is mixed with a burst of non necessary events

**#2 - 11/12/2015 03:15 PM - Loïc Dachary**

- *Status changed from 12 to Resolved*

<https://github.com/ceph/ceph-deploy/pull/365>